

WORK INSTRUCTIONS

3.3.2 Screening Blood for Strongly Basic Drug Compounds

REFERENCE MATERIAL

Mixed Standard Solution

- ✓ Use a minimum of 4 of the following drugs.
- ✓ Add designated volume.
- ✓ Total volume is 10mL.
- ✓ Solution is stable for 6-months @ room temperature.
- ✓ Record Preparation on standard log.

Stock Solution	Volume (μL) 1mg/mL Stock
Amitriptyline	20
Caffeine	20
Codeine	20
Diphenhydramine	20
Lidocaine	20
Meperidine	20
Methadone	20
Methamphetamine	20
Nicotine	20
PCP	20
Trazodone	50

Internal Standard Mix

Proadifen

Prepare 10mg Dilute 'N Shoot Standard with 10mL of DI water.

Prepared standard is stable for 4 months when stored at 4°C.

Working Internal Standard Solution [20ng/ μL]

Add 200 μL each Proadifen and 1mg/mL Mepivacaine stock solutions to 10mL volumetric ball flask. QS with DI water.

Solution is stable for three months when stored at room temperature.

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